

## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Vignia 22313-1450 www.uspto.gov

## 

Sib Data Shoot

## **CONFIRMATION NO. 2519**

SERIAL NUMBER 10/807,113  FILING DATE 03/23/2004 RULE  FILING DATE 1626  APPLICANTS  Wei Yuan Zhang, Collegeville, PA; Alan L. Maycock, Wayne, PA; Michael Anthony Marella, Limerick, PA;Virendra Kumar, Paoli, PA; Forrest Gaul, Glen Moore, PA; Michael Anchin Chang, Rochester, MN; Deqi Guo, Phoenixville, PA;  *** CONTINUING DATA  *** CONTINUING DATA  *** CONTINUING DATA  *** CONTINUING DATA  *** This application is a CON of 10/146,693 05/15/2002 PAT 6,750,216 which is a DIV of 09/150,369 09/09/1998 PAT 6,303,611 which is a DIV of 09/09/150,369 09/09/1998 PAT 6,303,611 which is a DIV of 09/09/150,369 09/09/1998 PAT 5,945,443 which is a DIV of 09/899,066 07/23/1997 PAT 5,688,955 which is a CIP of 09/612,680 03/08/1996 PAT 5,646,151  *** FOREIGN APPLICATIONS  *** FOREIGN APPLICATIONS  *** FOREIGN APPLICATIONS  ***  *** FOREIGN APPLICATIONS  ***  *** FOREIGN APPLICATIONS  ***  ***  ***  ***  ***  ***  ***									
Wei Yuan Zhang, Collegeville, PA;  Alan L. Maycock, Wayne, PA;  Michael Anthony Marella, Limerick, PA;Virendra Kumar, Paoli, PA;  Forrest Gaul, Glen Moore, PA;  Michael An-Chih Chang, Rochester, MN;  Deqi Guo, Phoenixville, PA;  ***CONTINUING DATA***  This application is a CON of 10/146,693 05/15/2002 PAT 6,750,216  which is a CIP of 09/478,482 01/06/2000 PAT 6,391,910  which is a CIP of 09/34,661 03/03/1998 PAT 5,303,611  which is a DIV of 09/150,369 09/09/1998 PAT 5,945,443  which is a DIV of 08/798,078 62/05/1997 PAT 5,744,458  which is a DIV of 08/798,078 02/05/1997 PAT 5,744,458  which is a DIV of 08/798,078 02/05/1997 PAT 5,646,151  ***FOREIGN APPLICATIONS***  ***FOREIGN APPLICATIONS***  ***FOREIGN APPLICATIONS***  ***FOREIGN APPLICATIONS***  ***FOREIGN APPLICATIONS***  ***FOREIGN APPLICATIONS***  ***Allowance**  Jess Ino Met after Allowance**  Werified and Acknowledged Examiner's Signature Initials*  **DATE ON THE COUNTRY DRAWING CLAIMS Allowance**  COUNTRY DRAWING CLAIMS CLAIMS  ADDRESS  23377  WOODCOCK WASHBURN LLP  ONE LIBERTY PLACE, 46TH FLOOR 1650 MARKET STREET  PHILADELPHIA, PA		03/23/2004						DOCKET NO.	
Alan L. Maycock, Wayne, PA; Michael Anthony Marella, Limerick, PA;Virendra Kumar, Paoli, PA; Forrest Gaul, Glen Moore, PA; Michael An-Chih Chang, Rochester, MN; Deqi Guo, Phoenixville, PA;  ***CONTINUING DATA**  This application is a CON of 10/146,693 05/15/2002 PAT 6,750,216 which is a CIP of 09/478,482 01/06/2000 PAT 6,391,910 which is a CIP of 09/9150,369 09/09/1998 PAT 6,303,611 which is a CIP of 09/034,661 03/03/1998 PAT 5,945,443 which is a DIV of 08/899,086 07/23/1997 PAT 5,744,458 which is a DIV of 08/796,078 02/05/1997 PAT 5,688,955 which is a CIP of 08/612,680 03/08/1996 PAT 5,646,151  ***FOREIGN APPLICATIONS***  IF REQUIRED, FOREIGN FILING LICENSE GRANTED  **O6/03/2004  Foreign Priority claimed	APPLICANTS								
Michael Anthony Marella, Limerick, PA;Virendra Kumar, Paoli, PA; Forrest Gaul, Glen Moore, PA; Michael An-Chih Chang, Rochester, MN; Deqi Guo, Phoenixville, PA;  *** CONTINUING DATA ***  This application is a CON of 10/146 693 05/15/2002 PAT 6,750,216 which is a CIP of 09/478,482 01/06/2000 PAT 6,391,910 which is a DIV of 09/150,369 09/09/1998 PAT 6,303,611 which is a DIV of 09/150,369 09/09/1998 PAT 5,303,611 which is a DIV of 08/899,086 07/23/1997 PAT 5,644,443 which is a DIV of 08/899,086 07/23/1997 PAT 5,648,955 which is a DIV of 08/789,078 02/05/1997 PAT 5,648,955 which is a CIP of 08/612,680 03/08/1996 PAT 5,646,151  *** FOREIGN APPLICATIONS ***  *** FOREIGN FILING LICENSE GRANTED **  *** FOREIGN APPLICATIONS ***  *** FOREIGN FILING LICENSE GRANTED **  *** FOREIGN APPLICATIONS ***  *** FOREIGN APPLICATIONS ***  ***  *** FOREIGN APPLICATIONS ***  ***  ***  *** FOREIGN APPLICATIONS ***  ***  ***  ***  ***  ***  ***  **	Wei Yuan Zhang, Collegeville, PA;								
This application is a CON of 10/146,693 05/15/2002 PAT 6,750,216 which is a CIP of 09/478,482 01/06/2000 PAT 6,391,910 which is a DIV of 09/150,369 09/09/1998 PAT 6,303,611 which is a CIP of 09/034,661 03/03/1998 PAT 5,945,443 which is a DIV of 08/899,086 07/23/1997 PAT 5,744,458 which is a DIV of 08/796,078 02/05/1997 PAT 5,688,955 which is a CIP of 08/612,680 03/08/1996 PAT 5,646,151  *** FOREIGN APPLICATIONS ****  *** FOREIGN APPLICATIONS ****  *** FOREIGN Priority claimed	Michael Anthony Marella, Limerick, PA;Virendra Kumar, Paoli, PA; Forrest Gaul, Glen Moore, PA; Michael An-Chih Chang, Rochester, MN;								
IF REQUIRED, FOREIGN FILING LICENSE GRANTED  ** 06/03/2004  Foreign Priority claimed  35 USC 119 (a-d) conditions	This application is a CON of 10/146,693 05/15/2002 PAT 6,750,216 which is a CIP of 09/478,482 01/06/2000 PAT 6,391,910 which is a DIV of 09/150,369 09/09/1998 PAT 6,303,611 which is a CIP of 09/034,661 03/03/1998 PAT 5,945,443 which is a DIV of 08/899,086 07/23/1997 PAT 5,744,458 which is a DIV of 08/796,078 02/05/1997 PAT 5,688,955								
** 06/03/2004  Foreign Priority claimed	** FOREIGN APPLICATIONS ************************************								
35 USC 119 (a-d) conditions we have allowance verified and Acknowledged Examiner's Signature Initials PA DRAWING CLAIMS Acknowledged Examiner's Signature Initials PA DRAWING CLAIMS Acknowledged PA DRAWING CLAIMS Acknowledged PA DRAWING CLAIMS CLAIMS Acknowledged PA DRAWING CLAIMS Acknowledged PA DRAWING CLAIMS CLAIMS Acknowledged PA DRAWING CLAIMS PA DRAWING CLAIMS CLAIMS Acknowledged PA DRAWING CLAIMS PA DRAWING CLAIMS CLAIMS PA DRAWING CLAIMS Acknowledged PA DRAWING CLAIMS PA DRAWING PA									
Verified and Acknowledged  Acknowledged  Allowance  Examiner's Signature  Initials  COUNTRY PA  DRAWING CLAIMS 20  4  COUNTRY PA  O  ADDRESS 23377  WOODCOCK WASHBURN LLP ONE LIBERTY PLACE, 46TH FLOOR 1650 MARKET STREET PHILADELPHIA , PA		• • • • • • • • • • • • • • • • • • • •	STA	TE OR	SHEETS	тот	۸L	INDEPENDENT	
23377 WOODCOCK WASHBURN LLP ONE LIBERTY PLACE, 46TH FLOOR 1650 MARKET STREET PHILADELPHIA, PA	Verified and	Allowance	cou				/IS		
•	23377 WOODCOCK WASHBURN LLP ONE LIBERTY PLACE, 46TH FLOOR 1650 MARKET STREET PHILADELPHIA, PA								